



CA-NV AWWA Water Loss Technical Assistance Program

Wave 4 Water Audit Level 1 Validation Document

Water System Name: Olivehurst

Water System ID Number: 5810003

Water Audit Period: Calendar 2016

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Continue installation of water meters to flat rate services. We have approximately 500 left to convert. For data validity, we are looking at methods to calibrate the raw water flow meters at all of our wells and provide volumetric testing of the meters as well. We will begin to incorporate net storage volumes into the error adjustment. We are looking at increasing our residential meter testing program.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

John Tillotson

Interim General Manager

Executive Name (Print)

Executive Position

Signature

Date

9/28/17





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Audit Information:

Utility: Olivehurst Public Utilities District PWS ID: 5810003
System Type: Potable Audit Period: Calendar 2016
Utility Representation: John Tillotson (Public Works Director)
Validation Date: 7/18/2017 Call Time: 9:00am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 52 Data Validity Band (Level): Band III (51-70)
ILI: 4.34 Real Loss: 57.01 (gal/conn/day) Apparent Loss: 7.95 (gal/conn/day)
Non-revenue water as percent of cost of operating system: 6.2

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Drew Blackwell / Larry Lewison (support) Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

Validator Provided